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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/604,747	
			Filing Date	August 14, 2003	
			First Named Inventor	Herr, Daniel Joseph Christian	
			Art Unit	2822	
			Examiner Name	Mary A. Wilczewski	
Sheet	1	of	1	Attorney Docket Number	361007-000025

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
MW	AA	WO 01/63674	08-30-01	NC State University		✓

NON PATENT LITERATURE DOCUMENTS		
Exam iner Initial	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
MW	AB	Kane, V.E., "A Silicon-Based Nuclear Spin Quantum Computer", Nature, Macmillan Journals Ltd., Vol. 393, No. 6681 (1998) pgs 133-137 ✓
MW	AC	Obrien, J. L. et al., "Towards the Fabrication of Phosphorus Qubits for a Silicon Quantum Computer", Physical Review, B. Condensed Matter, American Institute of Physics, Vol. 64, No. 21, (March 18, 2001) pgs 161401-1 ✓
MW	AD	Vrijen, R. et al., "Electron-spin-resonance Transistors for Quantum Computing in Silicon-Germanium Heterostructures", Physical Review A (Atomic, Molecular, And Optical Physics) APS Through AIP USA, Vol. 62, No. 1, (June 13, 2000) pgs 012306/1 - 10 ✓
MW	AE	Kane, B.E. et al., "Single-Spin Measurement Using Single-Electron Transistors to Prove Two-Electron Systems", Physical Review, B. Condensed Matter, American Institute of Physics, Vol. 61, no. 4 (January 15, 2000) pgs. 2961-2972 ✓
MW	AF	Shen, T-C et al., "Ultradense phosphorous Delta Layeres Grown Intro Silicon From $\text{PH}_3$ molecular Precursors", Applied Physics Letters, American Institute of Physics, Vol. 80, No. 9 (March 4, 2002) pgs. 1580-1582 ✓
MW	AG	Jamieson, D.N. et al., "A Role for Ion Implantation in Quantum Computing", Nuclear Instruments & Methods in Physics Research, Selection - B: Beam Interactions with Materials and Atoms, Vol. 175-177, (April 2004) pgs 7-22 ✓
MW	AH	Semiconductor Research Corporation, International Search Report, PCT/US03/26560, March 10, 2005

Examiner Signature	MWilczewski	Date Considered	8/2005
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.